

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|--------------------|--|------------------------|-----------------------------|
| Applicant: | Russell L. Lewis | Examiner: | Unassigned |
| Serial No.: | Unassigned | Group Art Unit: | Unassigned |
| Filed: | Herewith | Docket: | TUC920030028US1 (16472) |
| For: | DEPTH COUNTER USED TO REDUCE NUMBER OF ITEMS TO CONSIDER FOR LOOP DETECTION IN A REFERENCE-COUNTING GARBAGE COLLECTOR | | Dated: July 15, 2003 |

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. U.S. Patent No. 6,513,155 B1, dated Jan. 28, 2003; issued to William Preston Alexander, III, et al.;
2. U.S. Patent No. 6,502,213 B1, dated Dec. 31, 2002, issued to Michel K. Bowman-Amuah;

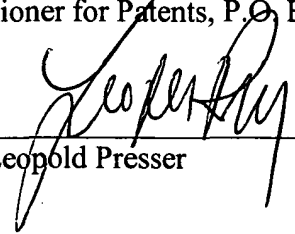
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I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 15, 2003.

Dated: July 15, 2003

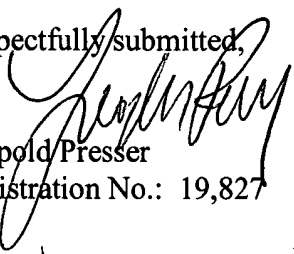

Leopold Presser

3. U.S. Patent No.6,502,110 B1, dated Dec. 31, 2002, issued to Richard J. Houldsworth;
4. U.S. Patent App. No. 2002/0107880, dated Aug. 8, 2002, to Bacon;
5. U.S. Patent App. No. 2002/0087590, dated July 4, 2002, to Bacon et al.;
6. U.S. Patent No. 6,317,872 B1, dated Nov. 13, 2001, issued to John K. Gee, et al.;
7. U.S. Patent No.6,289,012 B1, dated Sept. 11, 2001, issued to Robert J. Harrington, et al.;
8. U.S. Patent No.6,226,761 B1, dated May 1, 2001, issued to Viktor Berstis;
9. U.S. Patent No. 6,115,782, dated Sept. 5, 2000, issued to Mario I. Wolczko, et al.;
10. U.S. Patent No. 6,038,572, dated Mar. 14, 2000 issued to David C. Schwartz, et al.;
11. U.S. Patent No. 5,920,876, dated July 6, 1999, issued to David M. Ungar, et al.;
12. S. Blackburn and K. McKinley, "Fast Garbage Collection without a Long Wait", The Australian National University Joint Computer Science Technical Report Series, Nov. 2002;
13. David F. Bacon et al., "Java without the Coffee Breaks: A Non-intrusive Multiprocessor Garbage Collector," Proceedings of the ACM SIGPLAN Conference on Programming Language Design and Implementation, ACM SIGPLAN Notices, Vol. 36, No. 5, May 2001;
14. David F. Bacon et al., "Concurrent Collection of Reference Counted Systems," Proceedings of the 15th European Conference on Object-oriented Programming, J.L. Knudsen, ed., Lecture Notes in Computer Science, Vol. 2072, pp. 207-235, presented at U.C. Berkeley, Feb. 6, 2001.

Applicant is submitting copies of the above-cited references.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,


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Enclosures: PTO 1449
Fourteen (14) references

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|--|--|--|---|--|---------------------------------|----------|---------------------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | | Atty. Docket No. TUC 9-2003-0028 US 1 (16472) | | Serial No. Unassigned | | |
| | | | Applicant Russell Lewis | | | | |
| | | | Filing Date Herewith | | Group Unassigned | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER'S INITIAL* | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (if appropriate) |
| | | 6,513,155 B1 | 01/28/2003 | William Preston Alexander, III et al. | | | |
| | | 6,502,213 B1 | 12/31/2002 | Michel K. Bowman- Amuah | | | |
| | | 6,502,110 B1 | 12/31/2002 | Richard J. Houldsworth | | | |
| | | 2002/0107880 | 8/8/2002 | David Francis Bacon | | | |
| | | 2002/0087590 | 7/4/2002 | David Francis Bacon et al. | | | |
| | | 6,317,872 B1 | 11/13/2001 | John K. Gee et al. | | | |
| | | 6,289,012 B1 | 09/11/2001 | Robert J. Harrington et al. | | | |
| | | 6,226,761 B1 | 05/01/2001 | Viktor Berstis | | | |
| | | 6,115,782 | 09/05/2000 | Mario I. Wolczko et al. | | | |
| | | 6,038,572 | 03/14/2000 | David C. Schwartz et al. | | | |
| | | 5,920,876 | 07/06/1999 | David M. Ungar et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES NO |
| | | | | | | | |
| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | | S. Blackburn and K. McKinley, "Fast Garbage Collection without a Long Wait", The Australian National University Joint Computer Science Technical Report Series, Nov. 2002 | | | | | |
| | | David F. Bacon et al., "Java without the Coffee Breaks: A Non-intrusive Multiprocessor Garbage Collector," Proceedings of the ACM SIGPLAN Conference on Programming Language Design and Implementation, ACM SIGPLAN Notices, vol. 36, no. 5, May 2001 | | | | | |
| | | David F. Bacon et al., "Concurrent Collection of Reference Counted Systems," Proceedings of the 15 th European Conference on Object-oriented Programming, J.L. Knudsen, ed., Lecture Notes in Computer Science, vol. 2072, pp. 207-235, presented at U.C. Berkeley, Feb. 6, 2001 | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | |
| * EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |